

SiC Schottky Diode Portfolio

Part Number	Configuration	V _{RRM} min (V)	I _F (A)	I _R max (µA)	I _{FSM} max (A)	C _{total} (pF)	V _F max (V)	Package & Package Suffix (x)							
			T _J =150 °C	T _J =25 °C	t _p =8.3ms, T _J =25 °C	V _R =1V	T _J =25 °C	TO-220AB	TO-220AC	DPAK (TO-252)	TO-247	TO-277	DFN 8X8	DFN6X6	DFN3X3
			P	blank	D	W	S	HL	H	HM					
CBR04P65x	Single	650	4	50	32	150	1,7		•	•					
CBR06P65x	Single	650	6	20	48	325	1,7		•	•		•			
CBR08P65x	Single	650	8	25	80	419	1,7		•	•		•			
CBR10P65x	Single	650	10	25	80	419	1,7		•	•		•	•		•
CBR20P65x	Single	650	20	-	-	-	-			•		•			
CBR20P65xC	Dual	650	20	25	80	419	1,7	•				•			
CBR40P65WC	Dual	650	40	-	-	-	-					•			
CBR10120x	Single	1200	10	100	66	620	1,7	•	•	•	•	•			
CBR20120x	Single	1200	20	-	-	-	-	•	•		•	•			
CBR20120xC	Dual	1200	20	100	66	620	1,7	•			•				
CBR30120x	Single	1200	30	-	-	-	-				•	•		•	
CBR40120WC	Dual	1200	40	-	-	-	-				•				

Samples at stock (March, 10th - 2022)

Compliance: all products are Pb-free and Halide free



standard
package
options

Cross References available

Brückewell gives the designer the advantage to be compatible with a lot of vendors using standard packages and pin configurations.

You can find replacements for other widely used manufacturers of SiC diodes.

Ask our team on more details

Ideal for applications like

- Increase efficiency for IGBT applications by reducing switching losses
- High performance fast switching power suppliers and on board chargers in automotive
- High power DC Charger
- Solar inverter application
- Space saving protection circuits
- Upgrade for existing Si based design to increase efficiency and design safety margin

INDUSTRIAL



AUTOMOTIVE

KGD for module
integration available